

186. (New) The HSV-1-derived vector of Claim 185, further comprising a functional HSV thymidine kinase gene.

187. (New) The HSV-derived vector of Claim 185, wherein said HSV-1-derived vector is derived from HSV-1 strain McKrae.

188. (New) The HSV-1-derived vector of Claim 187, wherein the HSV-1-derived vector is Prom Δ LAT Δ 34.5, Prom Δ LAT Δ 34.5-GFP, or a derivative of either of these.

189. (New) The HSV-1-derived vector of Claim 185, wherein the at least one transcriptional unit having a functional LAT Promoter sequence or operative fragment thereof is operatively linked to a nucleic acid encoding a preselected protein.

190. (New) The HSV-1-derived vector of Claim 189, wherein the preselected protein is a fluorescent or light-emitting protein or cytokine.

191. (New) The HSV-1-derived vector of Claim 190, wherein said fluorescent or light-emitting protein is a green fluorescent protein, yellow fluorescent protein, blue fluorescent protein, phycobiliprotein, luciferase, or apoaequorin.

192. (New) The HSV-1-derived vector of Claim 191, wherein the vector is Prom Δ LAT Δ 34.5-GFP or a derivative thereof.

193. (New) The HSV-1-derived vector of Claim 189, wherein the preselected protein is a protein toxic to cells expressing HSV.

194. (New) The HSV-1-derived vector of Claim 189, wherein the preselected protein is human interferon- γ , interleukin-2, interleukin-4, interleukin-6, interleukin-10, interleukin-12, granulocyte-macrophage colony stimulating factor, tumor necrosis factor- α , Fas ligand, human connexin-43, VP-16, or VP-22, or a fusion protein derived from any of these.

195. (New) A mammalian cell containing an HSV-1-derived vector selected from the group consisting of Prom Δ LAT Δ 34.5 and Prom Δ LAT Δ 34.5-GFP, or containing a derivative or unpackaged DNA of any of these.

196. (New) The mammalian cell of Claim 195, wherein said cell is a malignant cell.

197. (New) The mammalian cell of Claim 195, wherein said cell is a non-malignant cell.

198. (New) The mammalian cell of Claim 195, wherein said cell is a malignant cell derived from or is contained in a glioma, glioblastoma, oligodendrolioma, astrocytoma,